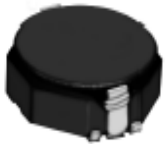
查询CDRH8D28HPNP-100NB供应商



# Type: CDRH8D28 , CDRH8D28/HP

## ◆ Product Description

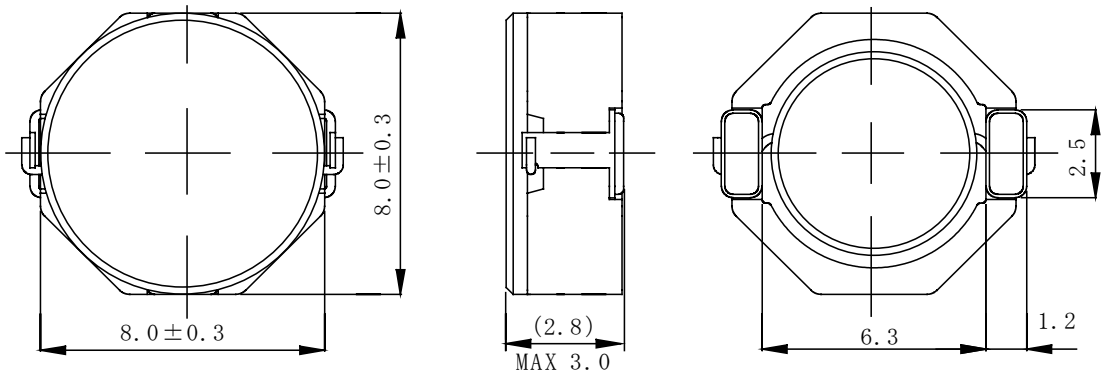


- 8.3×8.3mm Max. (L×W ) , 3.0 mm Max. Height.
- Both Standard Type CDRH8D28 and High Power Type CDRH8D28/HP are available.
- Inductance Range: 1.0～100 μH(CDRH8D28) ; 3.3～68 μH(CDRH8D28/HP)
- Rated current range: 0.75～6.5A(CDRH8D28) ; 0.8～3.8A(CDRH8D28/HP).
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

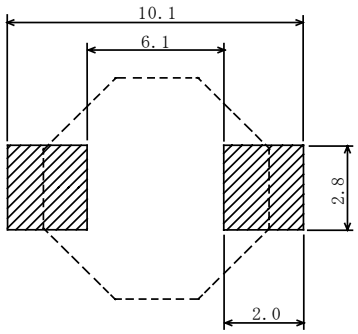
## ◆ Feature

- Magnetically shielded construction.
- Ideally used in Notebook PC, Game machine,HDD,DVC,LCD TV etc as DC-DC Converter inductors.
- RoHS Compliance.

## ◆ Dimensions (mm)




## ◆ Land Pattern (mm)



# Type: CDRH8D28 , CDRH8D28/HP

## ◆ Specification (CDRH8D28)

| Part Name ※ | Stamp | Inductance 100kHz/1V | D.C.R.(mΩ) Max.(Typ.) ( 20℃) | Saturation Current （A） ※1 | Temperature Rise current (A) ※2 |
|---|---|---|---|---|---|
| CDRH8D28NP-1R0N□ | 1R0 | 1.0μH ± 30% | 11.0(8) | 6.50 | 7.0 |
| CDRH8D28NP-2R5N□ | 2R5 | 2.5μH ± 30% | 15.6(12) | 4.50 | 6.40 |
| CDRH8D28NP-3R3N□ | 3R3 | 3.3μH ± 30% | 18.2(14) | 4.00 | 6.00 |
| CDRH8D28NP-4R7N□ | 4R7 | 4.7μH ± 30% | 24.7(19) | 3.40 | 4.50 |
| CDRH8D28NP-7R3N□ | 7R3 | 7.3μH ± 30% | 39.0(30) | 2.80 | 3.40 |
| CDRH8D28NP-100N□ | 100 | 10μH ± 30% | 47.0(36) | 2.50 | 3.20 |
| CDRH8D28NP-150N□ | 150 | 15μH ± 30% | 69.0(53) | 1.90 | 2.35 |
| CDRH8D28NP-220N□ | 220 | 22μH ± 30% | 99.0(76) | 1.60 | 1.85 |
| CDRH8D28NP-330N□ | 330 | 33μH ± 30% | 156(120) | 1.30 | 1.45 |
| CDRH8D28NP-470N□ | 470 | 47μH ± 30% | 195(150) | 1.15 | 1.30 |
| CDRH8D28NP-680N□ | 680 | 68μH ± 30% | 286(220) | 0.92 | 0.98 |
| CDRH8D28NP-101N□ | 101 | 100μH ± 30% | 430(330) | 0.75 | 0.80 |

## ◆ Specification (CDRH8D28/HP)

| Part Name ※ | Stamp | Inductance 100kHz/1V | D.C.R.(mΩ) Max.(Typ.) ( 20℃) | Saturation Current （A） ※1 | | Temperature rise current (A)※2 |
|---|---|---|---|---|---|---|
| | | | | ( 20℃) | (100℃) | |
| CDRH8D28HPNP-3R3N□ | 3R3H | 3.3μH±30% | 35(27) | 6.50 | 4.60 | 3.80 |
| CDRH8D28HPNP-4R7N□ | 4R7H | 4.7μH±30% | 40(31) | 4.50 | 3.60 | 3.60 |
| CDRH8D28HPNP-7R3N□ | 7R3H | 7.3μH±30% | 66(51) | 4.00 | 3.10 | 2.40 |
| CDRH8D28HPNP-100N□ | 100H | 10μH±30% | 78(60) | 3.40 | 2.50 | 2.10 |
| CDRH8D28HPNP-150N□ | 150H | 15μH±30% | 125(96) | 2.80 | 2.30 | 1.70 |
| CDRH8D28HPNP-220N□ | 220H | 22μH±30% | 182(140) | 2.50 | 1.90 | 1.35 |
| CDRH8D28HPNP-330N□ | 330H | 33μH±30% | 286(220) | 1.90 | 1.60 | 1.10 |
| CDRH8D28HPNP-470N□ | 470H | 47μH±30% | 345(265) | 1.60 | 1.36 | 1.00 |
| CDRH8D28HPNP-680N□ | 680H | 68μH±30% | 520(400) | 1.30 | 1.10 | 0.80 |

## ※ Description of part name

CDRH8D28HPNP-3R3N□
- B Box
- C Carrier Tape

※1. Saturation current: The DC current at which the inductance decreases to 65% of it's nominal value.
※2. Temperature rise current: The DC current at which the temperature rise is △t＝40℃.(Ta＝20℃).